



9th-12th Grade Ranger Programs Available for Field Trips:

To make a reservation, or if you have any questions, please call our Education Rangers **(970) 858-3617 ext 367**.

Biology Option

Ecosystems in Echo Canyon (3 miles, 4 hours)

Students will study the ecological systems of Echo Canyon through explorations and hands-on activities. This class will give students field experience testing water and soil quality and comparing the riparian vs. desert habitats in the Monument.

Science 2.2 Ecosystems *The size and persistence of populations depend on their interactions with each other and on the abiotic factors in an ecosystem.*

Geophysical Science Option

Geology in Monument Canyon (6 miles, 4 hours)

As they walk down through the time exploring the different rock layers in Monument Canyon students will discover the geologic history and processes that created this amazing landscape. This is a through hike in Monument Canyon (from the upper to the lower trailhead) with a bus shuttle.

Science 3.1 *The history of the universe, solar system and Earth can be inferred from evidence left from past events.*

Science 3.5 *The interaction of Earth's surface with water, air, gravity, and biological activity causes physical and chemical changes.*

Zoology Option

Organisms in No Thoroughfare Canyon (4 miles, 4 hours)

microbes in seasonal pools of water.

Science 2.9 Taxonomy and Animal ID *The size and persistence of populations depend on their interactions with each other and on the abiotic factors in an ecosystem.*